P.W.G. 17 — Original/Duplicate/Triplicate

1st and final Bill — **CONTRACT CERTIFICATE** — Ref. Receipts 168 & 170

AEE, YTPSD

Division: Yelahanka — Sub division: Yelahanka New Town — SBR No: 20/18-19 Date:

Bills received No — Sub-divisional / Divisional — Cash book vr. No 31/10/2018 Date

YNR SBR No. 75 Date 31.10.18

Sheduled Docket No — Head of account 1771

Name of work(as per sanctioned estimate) :-

Work Code:003-18-000064

NAME OF WORK :**Improvements of drains Doddabettahlli layout in ward no 03**

SDD026/18-19 29/09/18

Name of contractor and full address :- **Sambashivareddy.C**

Reference to agreement No :- 21 — **Estimated cost : 20.00** — **Work order No :21, dt:05/02/2018**

Certified that the measurments were taken by me on 31/10/18 and recorded on pages AG 4068 to 085 of measurment book No H641 and the work is satisfactorily executed by the contractor

C Samba Shiva Reddy
Signature of contractor

Ramanjeevaiah
Asst. Engineer

Certified that the measurments were taken by me on 31/10/18 and recorded correct.The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this securily. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಿಭಾಗದ ಕಛೇರಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being-----percent Rs----------%---------		
3) Balance---	1st & Final	1882978=00
4) Deduct payments	FSD	—
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount adjusted towards cash advance recovery of	CGST	18830
	SGST	18830
	IT	18830
b) Cost of payments/stores or other materials supplied now made recovery of Amount paid on this bill by cheque/cash	LC	18830
	CBF	1883
Total	Royalty	29855
5) Balance being unpaid value of work done held in reserve		
6) Deduct cash of advance made on divisional/sub divisional cash book	T.D	107058=00
7) Net amount due to or from contractor	Net	1775920=00
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied		
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum
(in final settlement of all demand)
Witness
1)
2) C Samba Shiva Reddy

Dated signature of contractor
paid by me cheque No dated

Reciept Stamp

Audited & Admitted for Rs. 1882978=00
1775920=00 by Cheque
and Rs. 107058=00 by adjustment

Asst. Engineer
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

Cash Rs.....

Date — Initials of officer making payment — Date

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	2	3	4	5	6	7	8	9	10
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no 138, PWD SR 2014-15)	Cum			115.43	91.18	10524.91	115.43	10524.91
2	Removing B S slab of drain and stacking (P.No 25 Sl.No 5.32)	Sqm			34320 344.25	68.94	23660.2 23732.60	343.20 344.25	23660.2 23732.60
3	Refixing stone slabs of drains and pointing in CM(1:3)(P.No 25 I.No 5.33)	Sqm			343.80 344.25	84.51	29003.8 29092.57	343.2 344.25	29003.8 29092.57
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick	Sqm			112.20 114.75	698.30	78349.2 80129.93	112.20 114.75	78349.2 80129.93
5	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no 138, PWD SR 2014-15)	Cum			17.33	91.18	1580.15	17.33	1580.15
6	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no 138, PWD SR 2014-15)	Cum			267.06 267.65	91.18	24350 24404.33	267.06 267.65	24350 24404.33

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
7	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum. KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130, PWD SR 2014-15)	Cum			399.82 400.40	104.07	41609.2 41669.63	399.82 400.40	41609.2 41669.63
8	KSRB M2100 PCC 1 KSRB M2100-1. Plain cement concrete M10 with OPC cement @ 220 kgs, with creushed 40mm and down size graded granite metal coarse aggregates @ 0.84 cum and fine aggregates @ 0.56 cum in foundation mechanically mixed placed in foundation and compacted by vibration inclduing curing for 14 days complete as per	Cum			2.67 2.70	6264.67	16727 16914.6	2.67 2.70	16727 16914.6
9	KSRB M2100 PCC 1 KSRB M2100-1. Plain cement concrete M10 with OPC cement @ 220 kgs, with creushed 40mm and down size graded granite metal coarse aggregates @ 0.84 cum and fine aggregates @ 0.56 cum in foundation mechanically mixed placed in foundation and compacted by vibration inclduing curing for 14 days complete as per	Cum			16.43	6951.85	114218.90	16.43	114218.90
10	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe550(pwd sr2014-15,p.no17,s.no4.46)	tonnes			1.30	63048.15	81962.60	1.30	81962.60

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
11	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecification. Specification no.KBS 4.6.2(pwd sr2014-15,p.no15/4.31)	Sqm			85.50	325.80	27855.90	85.50	27855.90
12	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting withvibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum			244.68 245.25	1854.72	453812 454870.08	244.68 245.25	453812 454870.08
13	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502	Sqm			1257.82 1270.00	28.91	36363.5 36715.70	1270.00 1257.82	36715.70 36363.5

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
14	KSRRB M500-17. Providing and laying dense graded bituminous macadam with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.0 to 4.5% by weight total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.7 complete in all respects as per specifications. Bitumen 80/100 MORTH Specification No. 507	Cum			63.34 63.50	6750.59	427582 428662.47	63.34 63.50	427582 428662.47
15	KSRRB 500-7. Providing and applying tack coat on the prepared black topped surfaces at 5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5achieve the desired compaction as per MORTH specification clause	Sqm			1270.00	12.23	15532.10	1270.00	15532.10

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to	Cum			63.60	7859.19	499844.48	63.60	499844.48
							1882978		1882978
					TOTAL		1887710.93		1887710.93
							1887000/-		1887000/-

Ward No 03
Assistant Engineer

Assistant Excecutive Engineer
Yelahanka Satellite Town Sub Division
BBMP, Bangalore-64